

Amendment to the Claims

1. (Previously presented) A medical imaging system comprising:
an imaging device having a lateral surface and a lower surface;
a patient positioning area in close proximity to said imaging device,
said imaging device being configured to move within said patient positioning area; and

a protective bumper attached to said imaging device, said protective bumper conforming to a shape of a portion of said imaging device, wherein said protective bumper comprises (i) a first cushioned member positioned around at least a portion of said lateral surface of said imaging device; (ii) a second cushioned member positioned over at least a portion of said lower surface of said imaging device; and (iii) a third cushioned member positioned between said first cushioned member and said second cushioned member .

2. (Previously presented) The medical imaging system of claim 1, wherein at least one of said first, second, and third cushioned members is an L-shaped cushioned bumper.

3. (Original) The medical imaging system of claim 2, wherein said protective bumper is fluid filled.

4. (Original) The medical imaging system of claim 1, wherein said imaging device comprises an x-ray source and an x-ray detector.

5. (Original) The medical imaging system of claim 1, wherein said medical imaging system is at least one of a CT, ultrasound, fluoroscopy, PET, and nuclear imaging system.

6. (Original) The medical imaging system of claim 1, wherein said imaging device is positioned on a C-arm and is configured to rotate around a patient positioned in said patient positioning area.

7. (Original) The medical imaging system of claim 1, wherein said imaging device includes a main body having a distal end having a lower surface, said protective bumper further comprising a first lip adjacent to said main body and a second lip extending laterally across said lower surface, wherein said first and second lips define a unitary structure.

8. (Original) The medical imaging system of claim 3, further comprising a detection system in contact with said fluid, said detection system comprising a pressure sensing device.

9. (Original) The medical imaging system of claim 8 further comprising a housing mounted on said imaging device, said detection system being contained in said housing.

10. (Original) The medical imaging system of claim 8 wherein said detection system comprises a plurality of pressure sensing devices in contact with said fluid.

11. (Original) The medical imaging system of claim 8 wherein said detection system is electrically connected to a processing unit.

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Previously presented) A medical imaging device having a main body extending from a support structure, comprising:

a first cushioned bumper positioned around at least a portion of a lateral surface of said main body; ~~and~~

a second cushioned bumper positioned over at least a portion of a lower surface of said main body; and

a third cushioned bumper positioned between said first cushioned bumper and said second cushioned bumper.

19. (Canceled)

20. (Previously presented) The medical imaging device of claim 18, wherein said first and second cushioned bumpers are fluid filled, further comprising: a housing, mounted on said imaging device; a detection system contained within said housing, said detection system comprising a pressure sensing device in contact with said fluid.

21. (New) A protective bumper attached to a medical imaging device, the protective bumper comprising:

a first cushioned member positioned around at least a first portion of the imaging device;

a second cushioned member positioned over at least a second portion of the imaging device; and

a third cushioned member positioned between said first cushioned member and said second cushioned member .